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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sokolov et al.

Attorney Docket No.: SUN1P832/P6211

Application No.: 09/919,743

Examiner: TANG, KUO LIANG J

Filed: July 31, 2001

Group: 2122

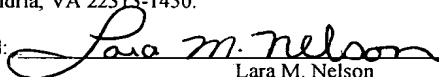
Title: TWO TIER CLUSTERS FOR
REPRESENTATION OF OBJECTS IN JAVA
PROGRAMMING ENVIRONMENTS

Confirmation No. 3944

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on November 8, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:


Lara M. Nelson

**INFORMATION DISCLOSURE STATEMENT
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these citations of official record in this application. Also enclosed is a copy of the International Search Report dated August 16, 2004 that was issued in the PCT application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under

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§1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or
☒ the fee set forth in 37 CFR 1.17(p).

The undersigned hereby states:

☐ that each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application no more than three months prior to the filing of the Information Disclosure Statement; or

☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

If fees are due, enclosed is our Check No. 24471 for \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. SUN1P832).

Respectfully submitted,
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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No. SUN1P832/P6211	Application No.: 09/919,743
	Applicant: Sokolov et al. Filing Date July 31, 2001	Group 2122

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	6,070,173	05/30/2000	Huber et al.			11/26/97
	B	6,704,746 B2	03/09/2004	Sokolov et al.			12/12/00
	C	6,711,576 B1	03/23/2004	Tuck et al.			04/26/01
	D	6,711,657 B1	03/23/2004	Sexton et al.			02/25/00
	E	6,115,719	09/05/2000	Purdy et al.			11/20/98
	F	6,134,603	10/17/2000	Jones et al.			03/20/98
	G	6,154,747	11/28/2000	Hunt			08/26/98
	H	6,282,702 B1	08/28/2001	Ungar			08/13/98

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	I	WO 00/41079	07/13/00	PCT				
	J	WO 00/60470	10/12/00	PCT				
	K	WO 00/46667	08/10/00	PCT				

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	L	Yuxin et al., "A Precise Incremental Garbage Collection Algorithm for Java Virtual Machine," International Conference for Young Computer Scientists, ICYCS. Proceedings of ICYCS, vol.1, August 17, 1999, pages 227-231.
	M	Per Bothner, "A Gcc-based Java Implementation," 1997, IEEE, pages 174-178.
	N	"Java™ 2 Platform, Standard Edition, v1.2.2 API Specification," May 8, 1999, Sun Microsystems, Inc.
	O	Office Action dated May 20, 2004 from U.S. Application No. 09/886,454
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.